

to weak womankind is the finding of lost health-the building-up of "a run-down" system. Nothing does it so surely as Dr. Pierce's Favorite Prescription. It cures all the derangements, irregularities and weaknesses peculiar to the sex. It's the most perfect of strength-givers, imparting tone and vigor to the whole system. For overworked, debilitated teachers, milliners, seamstresses, "shop-girls," nursing mothers, and feeble women generally, it is the greatest earthly boon, being unequaled as an appetizing cordial and restorative tonic.

"Favorite Prescription" gives satisfaction in every case, or money paid for it is promptly refunded. That's the way it's sold; that's the way its makers prove their faith in it. Contains no alcohol to inebriate; no syrup or sugar to derange digestion; a legitimate medicine, not a beverage. Purely vegetable and perfectly harmless in any frame. condition of the system. World's Dispensary Medical Association, Propr's, 663 Main St., Buffalo, N.Y.

IMPORTANT NEW DISCOVERY.

CHESEBROUGH MANUFACTURING CO.,

24 State Street, NEW YORK.

ANTI-BILIOUS MEDICINE.

In malarial districts their virtues are widely recognized, as they possess pec-ular properties in freeing the system from that poison. Elegantly sugar coated. Dose small. Price, 25cts. Sold Everywhere.

Office, 44 Murray St., New York.



GRATEFUL-COMFORTING.

del govern the operations of digestion and nution, and by a careful application of the fine
perities of well-selected Cocos, Mr. Epps has
wided our breakfast tables with a delicately
roured beverage which may save us many heavy
tors' tills. It s by the judicious use of such
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gradualconstitution may Gusette,"
Made simply with boiling water or milk. Sold only in half-pound time, by Grocers, labelled thus:

JAMES EPPS & CO., Homeopathic Chemists,
London, England.

BOOK TO "MOTHERS" MAILED FREE BRADFIELD REGULATOR CO., ATLANTA, GA. Catalogue

LOOMIS & NYMAN.

TIFFIN, - OHIO. BEECHAM'S PILLS cure SICK HEADACHE. 25 Cents a Box.

SIONS Thousands ENTITLED under the NEW LAW.
Write immediately for
BLANKS for applicaJ. H. CRALLE & CO., Washington, B. O.

FARM AND GARDEN.

A PIGGERY. Splendid Residence for the Pigs, But

It Costs Money. The main part of this piggery (shown in figures 1, 2 and 3) is 20x40 feet, and feet high, with outside pens 7x91/4 feet. It is set on chestnut posts

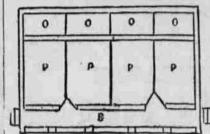


FIG. 1.-FLOOR PLAN OF PIGGERY. feet from ground. Partitions and floors are 2-inch hemlock. The troughs are 2-inch oak plank. Partitions between entry and pens are built slanting down to top of troughs, so that the hogs can not get into them. Doors at the ends,

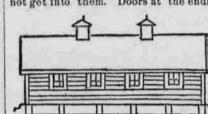


FIG. 2.-PIGGERY; SIDE ELEVATION. and windows at the front side. Entry is 31/4 feet wide. The floor slants 3 length with eyes from which the new inches in 16 feet, and the floor of out- vines sprout.

side pen slants 1% inches. This building is sided with common siding; shingle roof, and hemlock

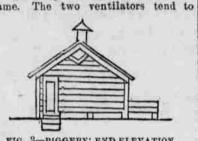


FIG. 3-PIGGERY; END ELEVATION. keep the pens free from bad odor. The building is battoned and costs \$315.28. In the amount of cost I have not in cluded expense of paint and painting

nor lumber for troughs. and neutral soap combined and HEALING properties of our druggist does not keep it.

O O outside pens, 7 feet wide and our druggist does not keep it.

O O outside pens, 7 feet wide and outside pens, 9 feet; E, BIZED CAKE BY MAIL, POSTAGE PAID. entry, 31/4 feet wide. Fig. 2 is the side elevation, and Fig. 3 the end elevation. - Jas, F. Welliluer, in Ohio

Reeping Cider Sweet.

Cider to be kept unfermented should be made as late in autumn as possible, age. as it would be difficult to keep from fer menting when made early in the season. November-made cider, if bunged up tight and stored where a temperature near the freezing point can be maintained, will probably keep sweet indefinitely. Some people put in a half-pound or a pound of mustard seed to the barrel of cider and others use sulphite of lime in the same way. The old-time method of scalding is considered by many people one of the best and least objectionable methods. We see this described as follows: When the cider has slightly fermented it should be drawn or dipped from the casks where it has been standing to settle, into large copper kettles or an old copper still, and be heated just up to the boiling point and no le when it should be again put into open casks to settle and become cold. It will then be ready to be tightly bunged in bar- without the possibility of being worked flour to make a soft dough. Beat well the cooling most of the impurities still tudinally it is fluted like the worm of a Y. Observer. held insolution will deposited as sediment in the bottom of the casks. While unpleasant to those who like it sweet, the basket, containing grain or other and is to be preferred to that in which fermentation has been arrested by mustard seed or chemicals. This process will stop fermentation at the right point to leave it sweet, and will quite thoroughly cleanse it from impurities. but will affect it unfavorably for making into vinegar afterwards.-Popular Gardening.

Care for Mares.

Our brood mares are stabled too much and fed too much concentrated food in winter. Their blood becomes sluggish and inactive and their entire system congested. The result is weakly, sickly or dead colts. Give the mares exercise and mild, laxative foods. I like to see a colt when born like a good lamb, thin and bony but lively as a cat. They will then take on all necessary flesh, as they will have strong vitality and digestion. We must eliminate from the mare's surroundings all forces which tend to unprofitable results. Too generous keep and too comfortable stables are the sure fore-runners to disasters to the mares. I turn out my mares in the fall early and accustom them to hardship. I give them a good pasture near timber and here they find most of their shelter. They soon learn to paw away snow from the long grasses and help themselves. They are fed in large yards with open sheds and mangers to hold straw. These are filled with oat straw when empty-sometimes varying the feed with corn stover. Late in the freely. As foaling approaches the stock is removed to the breeding barn and paddocks and closely watched. turned into a field next to the railroad still, the top, partly open during warm and the latter get accustomed to the spells for ventilation. This plan cars before they are a month old .-Farm and Home

Hen Perversity.

Hens are said to have attained the age of thirty years (and no man who has frittered away a few years of his life in a boarding-house will dispute the record), says an exchange. The hen is also noted for her perversity. The man who takes the advice of agricultural Illinois Dairymen's Association, and for papers edited by nickle-plated-ten-centsa-dozen city dudes-who can not tell a sulky-plow from a car-load of guanoand goes into the hen business to amass immediate wealth, quickly realizes the truth of this; for when eggs are selling for six cents per dozen, every ablebodied hen on the ranch will get up before daylight and work all day as though she was the Nation's hope. but when eggs are scarce at four then dip a second time and dry again at a Bargain. bits a dozen, she goes on a when the cloth is water-proof and ready strike; and when her employer tries to for use. Perhaps it would be more concompromise with her she tells him that venient to saturate each strip of cloth the union is allowing her two dollars a day, and she don't propose to strike a lick until the treasury is drained.

IF you have any old hens to sell this season the probabilities are you will

HOW TO RAISE HOPS.

Like Any Other Business, One Must Understand It in Order to Succeed. In order to profitably engage in hop culture it must be thoroughly understood. It is a business that requires constant study and attention. There are a thousand and one causes that may interfere with a successful growth. And agair, says the Seattle Press, there is no fixed standard of quality to which the farmer may look for guidance. The standard changes with the taste of the people, and for this reason a careful watch of the market should be kept, and advantages taken of the changing

fancy of the consumer. All these difficulties tend to retard he extension of the hop acreage, yet an intelligent farmer is reasonably certain of making a success of the business. The harvest of hops is limited to twent days, and this fact is one of the leading that retards the extension of hop acreage, owing to the inability of obtaining sufficient pickers.

The first requisite to successful hor culture is rich, well broken and pulverized soil. The plant is provided with three kinds of roots, described as the feeder, bulb and runner. The feeder is the long tap root, the bulb is a tuber and prized in some parts as an article of food. The runner is a lateral off-shoot from the tap root, and is a sprout from which other vines will be produced unless they are kept in subjection. It is this runner that is removed and used to plant the new hop yard. Each runner is provided at regular intervals along its

Next it is necessary to prepare the ground for the reception of these cuttings. A wire is stretched across the yard having at intervals of about seven feet red knots which show the position of the hills. At each of these hills a stake is placed. The stakes having been set, the workers pass into the field and make a slight hill at each stake. The cuttings, four to each hill, are placed with their eyes pointing upward and inclined toward the stake. There are about 1,000 hills to the acre.

The plants are ready for the poles a few weeks after planting. When the hops have ripened sufficiently there is necessity for immediate action in gathering them in. The supply of pickers is not generally equal to the demand, and when this is the case the farmers are the losers. The price paid pickers is one dollar per box, and a speedy picker can earn from three to five dollars

The curing of hops is a subject of special study among growers. The hops after being picked are taken to the dryhouse and subjected to a drying process. After curing they are immediately baled and ready for shipment or stor-

TWO GOOD DEVICES.

New Butter Worker and a French Seed Basket. At figure here illustrated we show



ENGLISH BUTTER

WORKER. screw.

The device shown here was exhibited cider thus created will afterwards taste at a French agricultural show. The Here Is an End of All Romance About slightly of the scalding it will not be straps passed over the shoulders, and



FRENCH SEED BASKET. seeds, is thus held securely in front of the body where the hands may easily reach it. Those who have used an old basket or dish very handy.

Sweet Potatoes. A Texas market gardner claims that sweet potatoes grown from vine cuttings are smoother and nicer than those grown from slips or sprouts. His method of securing early sweet potatoes is to gather the vines before frost has injured them and hang them on a pole, the ends of which rest in crotches or forks some two feet above the ground. Cover the ends of the vines with moist earth and throw straw, leaves or corn stalks over the whole and protect from the rain by a good shed, with the north winter I feed ground oats and bran side boarded up. As cold weather approaches he, for better protection, throws more soil upon the base of the heap, and more straw on the upper por-After a foaling, dams and colts are tion, leaving the south end or, better

> Waterproof Stack Covers. Having mentioned stack covers, I append a receipt for making an inexpensive waterproof cover or stacking cloth, which was given me by the late Dr. Joseph Tefft, formerly president of the many years president of the Elgin (III.) near Elgin. "You use this mixture," said be, "and I will warrant the cloth (good cotton sheeting) to hold water like a pail." Make a strong solution of

(which is similar to banking the tubers)

will keep vines alive all winter and

ready for early planting in the spring.

separately before sewing them together. -Country Gentleman. THE short crop of apples may lessen the apple for existence. It is possible deceptive bud that sweetens the breath realize as much for them just now as at that the short crop may be something of and keeps the peace in countless homes

USEFUL AND SUGGESTIVE.

-A gallon of lye put into a barrel of hard water will make it as soft as rain

-Yellow piano-keys may be made white by rubbing them gently with sand-paper and polishing with chamois. -Ginger Snaps.-One pint of molasses, one-half cup water. Boil 15 minutes, stir in while boiling one cup of butter or lard, one tablespoonful ginger. When cold add two teaspoonfuls soda and sufficient flour to roll and bake in a quick oven.-Springfield Republican.

-Stewed Parsnips .- Wash and scrape the parsnips, and slice them in pieces half an inch in thickness, then put them in a frying-pan with half a pint of Lot water and a tablespoonful of butter. Add salt to taste; cover closely, and let them stew until the water is cooked out, then stir to prevent them from burning until they are a light brown color .-Housekeeper.

-Light Rolls.-One cupful of lukewarm water, two cupfuls of milk, one yeast cake, flour enough to make a good batter; when light add a large spoonful of butter, one spoonful of sugar and mold; allow it to rise again; when light make into small rolls and let rise again; wipe the tops with milk or the white of an egg and bake in a good oven.-Bos-

-A Nice Dessert -- No more whole some dessert can be made than "popovers," if they are light and well baked, and it is one that is almost universally liked. A good proportion for these is four eggs, two cups of milk, two cups of flour and salt. They should be baked in small earthenware cups, which are sold for the purpose, and the oven must be of moderate temperature.—Boston Budget. -Photo-gravures come under the

head of engravings. Many are printed in a soft brown ink, others in a delicate blue, and occasionally in a quiet green Do not choose an impression printed in green to hang in a country house surrounded by nature's unapproachable variety of greens. Do no hang a photo-gravure next to an oil painting or pastel.-Demorest's Month-

-To Keep Sweet Milk From Sour ing .- Take a tin pan larger than the pan or vessel containing the milk, and put some cold water into it, then set the vessel containing the milk into the pan of water. Take a piece of cloth, cut square, and large enough to cover over the vessel holding the milk, and let the four corners reach into the water. I have never tried it, but a friend of mine has, and with very good success .- Ohio

-The women inmates of an English prison are said to make the best tomato catsup in Great Britain. This is their method: Bake the tomatoes in an oven and when quite soft rub throug a a sieve, add to every pound of pulp a quart of Chili vinegar, one ounce of chalet, quarter of an ounce of white pepper, a half an ounce of salt. Boil all this together until soft, then rub through a sieve and add to every pound of sauce the juice of three lemons. Return to the sauce-pan and cook thick like cream; when cool,

bottle, cork and seal. -Whole Wheat Bread -Pit one pint of milk in a bowl, pour into it one pint the shape of an of boiling water and when lukewarm arch-not flat, add one seaspoonful of salt, a tablespoonful of brown sugar, one-half cup of This | yeast or one-half yeast cake and suffishape enables cient whole wheat flour to make a stiff the water and batter. Beat well, cover and let it buttermilk stand in a moderately warm place over pressed out of night. In the summer any place in the the butter to pantry is warm enough. Early in the run free!y away, | morning stir in sufficient whole wheat rels and stored away. During the heat- into the butter again. Another special and turn into greased pans. When very ing a large quantity of scum will rise to feature lies in the shape of the working light or about double its bulk bake in the top to be skimmed off, and during roller. Instead of being grooved longi- an oven three-quarters of an hour .- N.

THE OCEAN'S FLOOR.

Hidden Ocean Depths.

The whole ocean is now mapped out for us. The report of the expedition sent out from London for the purpose of ocean surveys has recently been published. Nearly four years were given to the examination of the currents and the floors of the four great oceans. The Atlantic, we are told, if drained, would be a vast plain with a mountain range in the middle running parallel with our coast. Another range crosses it from Newfoundland to Ireland, on the top of which lies the submarine cable. The ocean is thus divided into three great basins, no longer "unfathomed depths." The tops of these sea mountains are two miles below a sailing ship, and the basins, according to Reclus, almost five miles. These mountains are whitened for thousands of miles by a tiny, creamy species of shell, lying as thickly on their sides as frost crystals on a snow bag for this purpose will find this bank. The deepest parts are red in color, heaped with volcanic masses. Through the black, motionless waters of

these abysses move gigantic abnormal creatures never seen in upper currents, There is an old legend coming down to us from the first ages of the world on which these scientific deep sea soundings cast a curious light. Plate and Solon record the tradition, ancient in their days, of a country in the Western seas where flourished the first civilization of mankind, which, by volcanic action, was submerged and lost. The same story is told by the Central Americans. who still celebrate in the Fast of Izcaili the frightful catacysm which destroyed a continent loaded with populous cities. Dr. Bourbourg and other eminent archmologists assert that this lost continent extended from the coast of Africa to near the 'Nest Indies. The shape of a plateau discovered in surveying the ocean's floor corresponds with this theory exactly. We may yet find the lost Atlantis .-- St. Louis Republic.

Clover as a National Flower. There has been many articles in the papers during the last few months advocating the adoption of the clover blossom as the National flower, but the most unique is the following, by Colonel R. G. Ingersoll: "A wonderful thing is clover. It means honey and cream; that Board of Trade. I think Dr. Tefft was also the first importer of Holstein cattle tumed for the cottage gate old is to say, industry and contentment; boss, the countiful, chewing satisfaction's cud in that blessed twilight pause that like a benediction falls between all toil and sleep. This clover makes me equal paris of white vitriol and sugar of dream of happy hours, of childhood's lead. In this dip the cloth, wetting it rosy cheeks, of dimpled babes, of wholethoroughly; dry gradually in open air; some, loving wives, of springs, and brooks, and violets, and all there is of painless joy and peaceful human life. A wanderful word is clover. Drop the 'c' and you have the happiest of mankind. Take away the 'c' and 'r' and you have the only thing that makes a heaven of this dull and barren earth. Cutoff the army of insects that depend upon the 'r' alone, and there remains a warm, whose masters frequent clubs."

HOME SEEKERS' EXCURSION

Via the Big Four Bonte The last Grand Home Seekers' Excursion of the season will be run via the C. C. C. & St. L. R'y, Big Four Route, Tuesday, October 14, 1890, at the low rate of One Fare for the Round Trip—tickets will be sold to all prominent points in the West, Northwest and Southwest, good for thirty days returning, with Stop-over privileges in Home Seekers' Territory. Call on nearest Ticket Agent and ask for tickets via the Big Four Route, which will ensure Palace Sleeping Cars, Elegant Reclining Chair Cars and Through Coaches.

D. B. Martin, General Passenger Agent, Cincinnati, O.

While we have so many lakes in this country, there is only one that is really

Not the poison that the covert assassin administers in the drink, the food, or some administers in the drink, the food, or some other guise, but the poison of malaria shortens the lives of myrads. There is a safe and certain antidote, Hostetter's Stomach Bitters, which not only fortifies the system against malaria, but roots cut its seeds when they have germinated. Dyspepsia, constipation, rheumatic, liver and kidney trouble are conquered by the Bitters.

Because a girl has no figure is no sign she is not a good mathematician.—St. Joseph News.

You don't have to take our word for the good quality of Dobbins' Electric Soap. Just get one bar of your grocer, and let it tell you its own story next Monday, and be governed by that, good or bad. Remember Dobbins' Flectric.

It is one of the peculiarities of coming men that they don't seem to arrive.-N. Y

You hardly realize that it is medicine, when taking Carter's Little Liver Pills; they are very small; no bad effects; all troubles from torpid liver are relieved by their use.

WE believe it is the railroad engineer who whistles at his work.—Yonker's States

Don't Wheeze and cough when Hale's Honey of Horehound and Tar will cure. Pike's Toothache Drops Cure in one minute Ir the legs are not hollow, why is it they get drunk so easily i-Ram's Horn.

You can't help liking them, they are so very small and their action is so perfect. One pill a dose. Carter's Little Liver Pills. Try them.

Consider the caterpillar—he has to hump simself if he wishes to make any progress— Elmira Gazette.

The best cough medicine is Piso's Cure for Consumption. Sold everywhere. 250 THE height of tyranny-to arrest a brook because it murmurs. - Texas Siftings.

S:JACOBS OIL THE BEST.

Neuralgia.

April 21, 1890.

"I, and others of my

family, have used St.

Jacobs Oil for neu-

ralgia and found it

a speedy, effective

Hagerstown, Md.,

Rheumatism. N. Ogden, Mich.,

May 17, 1890.

"A half bottle of your invaluable medicine, St. Jacobs Oil. cured me of rheumatism and rheumatic swelling of the knee. It is the bestin the universe." J. M. L. POBYER. CUre."

MRS. AONES KELLEY.

IT HAS NO EQUAL. HALF RATES

FARMING REGIONS WEST, SOUTHWEST, NORTHWEST, For particulars call on your Ticket Agent or address P. S. EUSTIS, Gen'l Pass. Agt, C. B. & Q. R. R., Chicago ar NAME THIS PAPER every time you write.

DINGES TITIS UMED by CHILL-BREN'S CHILDREN. Thousands of young men and women in the It will and



ONE ENJOYS

Both the method and results when Syrup of Figsistaken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, head-aches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever pro-duced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it

the most popular remedy known. Syrup of Figs is for sale in 50c and \$1 bottles by all leading drug-gists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Do not accept any substitute.

CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL. LOUISVILLE, KY. NEW YORK, N.Y.

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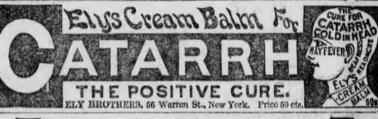
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W. L. DOUGLAS \$3 SHOE GENTLEMEN.



PENSION JOHNW. MORRIS, Successfully PROSECUTES CLAIMS, I ato Principal Kaminer U. S. Pension Burea-Syrs in last war, is adjudicating claims, atty time.

YOU ARE IN A BAD FIX. But I WILL ours you if you he LEFE (scaled). Br. PARRER, 132 Sprace St., Saskville, Team. agr. NAME THIS PAPER STATE time paywals. A. N. K.-E.



PISO'S CURE FOR The Best Quan Medicine CONSUMPTION

DUNCH'Says

Ought to be done?

Ought stands for nothing.

The house ought to be cleanedwith Sapolio. Tryacake inyour next house-cleaning and be convinced.

"IGNORANCE of the law excuses no man," and ignorance is

no excuse for a dirty house or greasy kitchen. Better clean them in the old way than not at all; but the modern and sensible way is to use SAPOLIO on paint, on floors, on windows, on pots and pans, and even on statuary. To be ignorant of the uses of SAPOLIO is to be behind the age.

The King's Note that the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age. White the properties of the Uses of SAPOLIO is to be behind the age.

A NEW DEPARTMENT IN

ADIES HOME OURNA

interest to every "King's Daughter" in the land. It will be written and edited by Mrs. Margaret Bottome, the founder and President of the Order, who in this department, will give each month



Is a department which is read every month by thousands of girls who buy the JOURNAL for Every point in a girl's life is here treated: what is best for her to wear; most becoming

manners in society; behavior; all told in a chatty manner by one of the brightest writers in the land.

CONTENTS FOR THIS DEPARTMENT IN THE OCTOBER ISSUE: HOW TO LEARN TO TALK WELL; HOW TO BE PRETTY THIS FALL: MANNERS WHEN AT CHURCH;

A MISTAKE YOU MAKE; SAYING "GOOD MORNING;" MY GIRLS' MOTHERS.

For One Dollar We will mail the Journal from now to January 1, 1892—that is, the balance of this year FREE, and a FULL YEAR from January 1st, 1891, to January 1st, 1892. Also, our handsome 40-page Premium Catalogue, illustrating a thousand articles, and including " Art Needlework Instructions," by Mrs. A. R. RAMSEY; also Kensington Art Designs, by JANES. CLARK, of London.

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